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1280.39 M343H

Household Purchases of





- BUTTER
- FLUID WHOLE MILK
- FLUID SKIM MILK

by Regions and Retail Sales Outlets,

April - June 1956

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service
Washington, D. C.

HPD-31

October 1956

PREFACE

This is one in a series of quarterly reports on household purchases of butter, fluid whole milk, and fluid skim milk, by geographic regions and types of retail outlets. This series previously contained data on household purchases of butter, cheese, nonfat dry milk solids, and margarine. The quarterly reports supplement the monthly series, "Household Burchases of Butter, Fluid Whole Milk, and Fluid Skim Milk," which provides data for the United States only.

This series is based on information from the National Consumer Panel of the Market Research Corporation of America, under contract with the United States Department of Agriculture. A representative nationwide sample of approximately 5,800 families reports the basic information upon which the estimates of purchase volumes and related information are based.

The dairy industry through the American Dairy Association and the United States Department of Agriculture, under terms of a cooperative project, are financing the obtaining of the data presented in this series of reports. The Department funds are provided under the Agricultural Marketing Act of 1946.

This report was prepared in the Market Development Branch, Marketing Research Division, of the Agricultural Marketing Service.

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HOUSEHOLD PURCHASES OF BUTTER, FLUID WHOLE MILK AND FLUID SKIM MILK, BY REGIONS AND RETAIL OUTLETS. APRIL-JUNE 1956

The data in this report are estimates of total purchases by household consumers only, and do not include consumption in restaurants, hotels, hospitals, or other institutional outlets. Data are for a 13-week period in order to permit comparisons of purchase volume between periods of equal length.

SUMMARY

United States householders bought about 1 percent more butter during April-June 1956 than during April-June 1955. Purchases in June 1956 were down from the same month a year earlier, in contrast with the gain for the quarter as a whole.

Householders in the Pacific Coast and Southern regions purchased substantially more butter during the second quarter of 1956 than during the second quarter of 1955. On the other hand, families in the primary butter consuming areas, the Northeast and North Central States, purchased about the same quantity as a year earlier.

Householders bought more butter through regional and local chain stores during April-June 1956 than in April-June 1955. Purchases through national chain stores were about the same as a year earlier while purchases in independent grocery stores were below the same period of 1955.

Consumer prices for butter in this survey were generally higher in all regions and through all outlets in April-June 1956 compared with April-June 1955.

Householders purchased about 4 percent more fluid milk during April-June 1956 than in April-June 1954. This gain was composed of a 3 percent increase for fluid whole milk and about 22 percent for fluid skim products.

Purchases of fluid whole milk and fluid skim milk during April-June 1956 were higher in all regions than during the same period 2 years earlier. The greatest percentage increase in fluid whole milk purchases occurred in the Mountain-Southwest area while householders in the North Central and Southern States reported the largest gain for fluid skim products.

Noticeable changes occurred in the volume of purchases of milk by size of container from April-June 1954 to the same period in 1956. There was a shift toward half-gallons and away from quart containers for most regions and retail outlets, including the home delivery outlet.

Only the independent grocery store failed to share in the general increase from 1954 to 1956 in the total amount of fluid milk products purchased by householders. Purchases in regional and local chains, on the other hand, increased more than purchases in other types of retail outlets.

House-to-house deliveries of fluid milk products totaled about 50 percent of all milk bought by householders during April-June 1956. This was about the same share of the market as reported in April-June 1954 for the home delivery outlet.

Consumers in this survey reported paying a higher average price for fluid whole milk during April-June 1956 than April-June 1954, while the average price for skim products was unchanged. For fluid whole milk, prices in half-gallon and gallon containers were 2 cents and 5 cents per quart lower, respectively, than for single quart containers. For fluid skim products, prices for milk in half-gallon and gallon containers were 3 cents and 8 cents lower per quart than in single quart units. However, for most regions and outlets, prices for milk in the larger containers increased more from April-June 1954 to April-June 1956, percentagewise, than single quart prices.

BUTTER

United States householders bought an estimated 204 million pounds of butter during the 13-week period April-June 1956, 2 million pounds more than during April-June 1955, or a 1 percent increase. This compares with the 9 percent gain between the April-June periods of 1954 and 1955. Butter purchases for household use in the second quarter of 1956 were 15 million pounds less than those for the first quarter. This decrease was in line with the usual seasonal trend, although it was about double that between the comparable periods of 1955.

Purchases of butter per person in households during April-June 1956 were up noticeably in the South and Pacific Coast States but down in the Mountain-Southwest area from a year earlier. 1/ In the two primary butter consuming areas, the Northeast and the North Central States, householders reported practically no change in per capita purchases. The per capita household purchase rate for the United States in the second quarter of 1956 showed an increase of less than 1 percent over the second quarter of 1955 (tables 1 and 2).

Per capita purchases of butter during April-June 1956 by householders in the North Central and Northeast regions were well above the United States average. In the Pacific Coast States, purchases per person in households were about equal to the United States average and those in the South and Mountain-Southwest regions well below average (fig. 1).

^{1/} The 5 regional areas are defined as follows: NORTHEAST--New England and Middle Atlantic States, plus Delaware, Maryland, and District of Columbia. NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, Minnesota, Wisconsin, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas. SOUTH--Arkansas, Alabama, Florida, Georgia, Kentucky, Louisiana, North Carlonia, South Carolina, Tennessee, Mississippi, Virginia, and West Virginia. MOUNTAIN and SOUTHWEST--Eight Mountain States and Texas and Oklahoma. PACIFIC--Washington, Oregon, and California. The approximate distribution of the population of the United States between the 5 areas is: 28 percent in the Northeast; 29.7 percent in the North Central; 22.4 percent in the South; 9.8 percent in the Mountain and Southwest; and 10.1 percent in the Pacific.

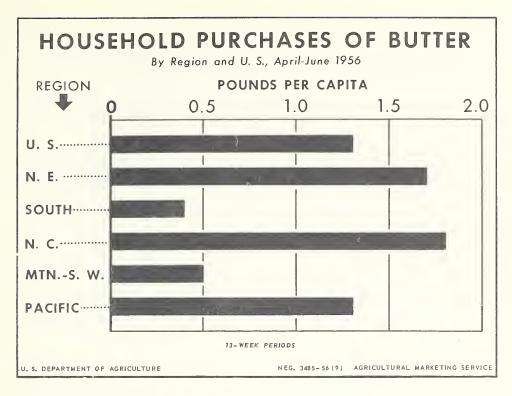


Figure 1

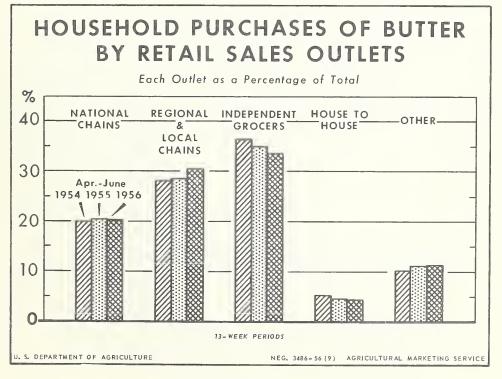


Figure 2

Most major retail outlets reported a decline in total purchases of butter for household use during the second quarter of 1956 from those of the first quarter. 2/ However, compared to a year earlier, household purchases in the April-June 1956 period increased for all outlets except independent stores and house-to-house delivery routes. April-June 1956 purchases of butter increased over those for the same period of a year earlier by about 7 percent in regional and local chains, over 2 percent in "other" outlets, and about 1 percent in national chains (tables 3 and 4).

The average size of purchase of butter by all household consumers--about 1.1 pounds--during the April-June 1956 period remained virtually unchanged from that of preceding periods. However, there were sharp differences in the average size of purchase between the regions and outlets.

The average price paid per pound for butter by householders was up slightly during April-June 1956 both from the preceding quarter and a year earlier. By regions, the average price paid for butter during April-June 1956 ranged from 66.5 cents in the North Central and Pacific areas to almost 73 cents per pound in the Mountain-Southwest area. The price for butter was lowest in "other" outlets and highest when delivered to the door. Consumers reported lower prices for butter purchased in chain stores than in independent grocery stores.

The percentage distribution of household purchases of butter among the various outlets has shown relatively little change since the second quarter of 1954. In April-June 1956 independent retail outlets accounted for about 34 percent of the household purchases of butter; regional, local, and national chains together accounted for 50 percent; house-to-house deliverymen about 5 percent, and "other" retail outlets about 11 percent (fig. 2).

2/ Retail outlets are defined as follows: NATIONAL CHAINS--A & P, Kroger, and Safeway Stores. REGIONAL and LOCAL CHAINS--those chains having 4 or more stores (excluding those in the national chain category). INDEPENDENT GROCERIES--independently owned stores, groups of stores not falling in above categories, and voluntary associations of independently owned stores. HOUSE-TO-HOUSE--purchases from milkman or other wagon salesmen. OTHER--purchases in creameries or dairy stores, roadside stands, department and specialty food stores, and from farmers.

SPECIAL IN THIS ISSUE

Family Characteristics data on fluid milk purchases by householders for April-September 1954 only. (See p. and tables 22 and 23.

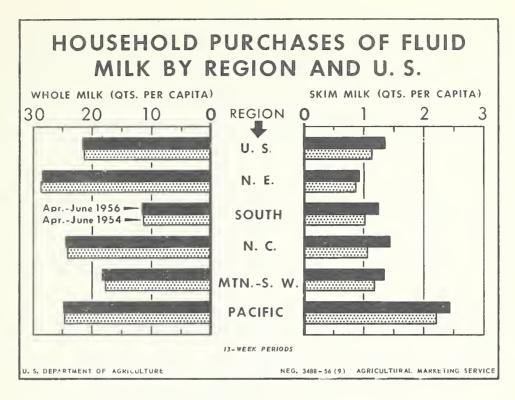


Figure 3

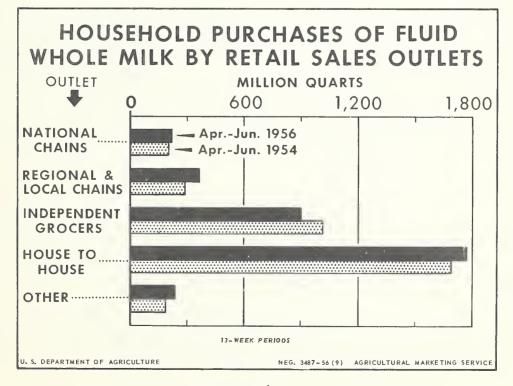


Figure 4

FLUID MILK

During the 13-week period April-June 1956, United States householders purchased a total of 3,734 million quarts of fluid milk. This was a gain of about 4 percent over the same period in 1954. Householders' purchases of fluid whole milk in the second quarter of 1956 were about 3 percent greater than in April-June 1954 and purchases of fluid skim products were up 22 percent. For fluid whole milk, householders during April-June 1956 paid prices about 3 percent higher than in April-June 1954, while fluid skim prices were unchanged.

From April-June 1954 to April-June 1956, householders reported a 21 percent increase in the quantity of whole milk purchased in gallons and a 61 percent increase in half-gallons. However, purchases in the single quart container decreased almost 13 percent. The 22 percent increase in household purchases of skim products was reflected in increases in all of the container sizes; however, the 188 percent increase in the amount purchased in half-gallon containers was the most noticeable.

Fluid Whole Milk: In all regions, household purchases of fluid whole milk during April-June 1956 were above those of 2 years earlier, with the Mountain-Southwest area reporting the greatest percentage increase (fig. 3). The proportion of whole milk purchased in gallon and half-gallon containers increased in all regions, although purchases in quart containers continued to make up the larger share. The Mountain-Southwest and South regions reported the greatest change from the quart to the gallon and half-gallon containers (table 13).

During this second quarter of 1956, household consumers purchased over 25 percent more fluid whole milk products from regional and local chains and "other" retail outlets than during the same period 2 years earlier. Purchases from independent stores decreased 11 percent. Household purchases in the half-gallon container from the regional and local chains and "other" retail outlets increased more than 80 percent in April-June 1956 over the April-June 1954 period, while purchases in quart containers decreased in all outlets covered by this report. Household purchases of fluid whole milk in gallon containers on the retail dairy routes (house-to-house) increased over 78 percent during the period covered by this report. Purchases in gallons in "other" outlets increased 56 percent.

The United States average price for fluid whole milk during the April-June 1956 period was about 3 percent higher than 2 years earlier. All regions reported a general increase in the average price paid for fluid whole milk regardless of container size--except in the Pacific areas, where a 1 percent decrease was reported. The greatest increase in milk prices paid by householders was that in gallon and half-gallon containers--8 percent and 7 percent, respectively. This increase was greatest in the South.

The average price paid by household consumers for fluid whole milk in half-gallon containers through all retail outlets except "other" outlets was up over 6 percent in the second quarter of 1956 from April-June 1954. The average price per quart for fluid whole milk purchased in gallon containers increased

most in "other" retail outlets. Prices for single quarts were about 3 percent above those for the same quarter in 1954, except in national chain stores and "other" retail stores. The price rise for single quarts from April-June 1954 to April-June 1956 was greater in independent grocery stores than in other outlets (table 8).

Fluid Skim Milk: United States householders bought 219 million quarts of fluid skim products during the April-June 1956 period, a 22 percent increase over the same period 2 years earlier. The average price paid by household consumers during the second quarter of 1956 was reported as 18.5 cents per quart, unchanged from 2 years earlier.

The proportion of fluid skim products purchased in the larger containers was greater for all regions and outlets than 2 years earlier. The highest percentage gain from two years ago in household purchases of fluid skim products in the gallon containers was reported for the Pacific and Southern regions. Household purchases in the half-gallon containers rose sharply in the North Central, Mountain, and Southwestern States.

The amount of skim milk bought by consumers was up in all outlets from the second quarter of 1954 to the same quarter of 1956, except in the independent grocery store, where total sales declined about 3 percent. Purchases were up the most in regional and local chains (table 11). Slightly less than half of all purchases of fluid skim milk by householders were from home-deliverymen during April-June 1956--unchanged from April-June 1954.

The United States average price paid by the household consumers for skim milk in April-June 1956 was the same as in 1954. However, consumers in the Pacific Coast area reported a 9 percent decrease. The average price paid decreased in all retail outlets except independent grocery stores and house-to-house delivery.

HOUSEHOLD PURCHASES OF FLUID MILK BY FAMILY CHARACTERISTICS APRIL-SEPTEMBER 1954

The Department has obtained, under its contract with the Market Research Corporation of America, back data for the period April-September 1954 on household purchases of fluid milk by family characteristics. These data are being presented in this report and will be presented again in the "Family Characteristics" report scheduled for early 1957. Comparable data for April-September 1956 for both fluid milk and butter will also be included.

Families in the lowest income quartile were well below all other families in their purchases of fluid whole milk per person. There was little difference in the whole milk purchase rates shown for the upper, upper middle, and lower middle income households--ranging from 44 to 48 quarts per person during April. September 1954--compared with the 35 quarts per person in the lowest income group. For fluid skim, however, the highest income families reported larger purchase rates than the other three classifications which were closely grouped (table 23).

The educational level of the family head was directly related to the purchase rate for his family for both fluid whole and skim products. The purchase rate per person for families headed by people with a grammar school education was 33 quarts of fluid whole milk as compared to 55 quarts in families headed by persons with some college education.

The pattern observed by educational level of head of household was in general similar to that shown by occupation of head of household. Families in which the head has a "white collar" position or a skilled occupation are better markets for fluid milk than those in other groups.

Families with young children bought more whole milk per capita in April-September 1954 than other family groups. Apparently, as the age of children in the household increases, the rate of consumption of whole milk declines. As might be expected, those families without children are relatively low consumers of fluid whole milk. For fluid skim products, the presence of children affects consumption differently than for whole milk. Families with teen-agers and adults only consume more skim milk products per person than other families.

Households with older housewives--45 years of age and over--consume less whole milk per person than families with younger housewives, but more of fluid skim items.

Large families -- 6 or more members -- ranked very low compared with all other families in their per capita purchase rate for fluid whole milk. These large families bought about 29 quarts of whole milk per person in April-June 1954 compared with about 50 quarts for 3-,4-, and 5-member families. For skim products, 1- and 2-member households bought at a rate about twice that for other size families (fig. 6).

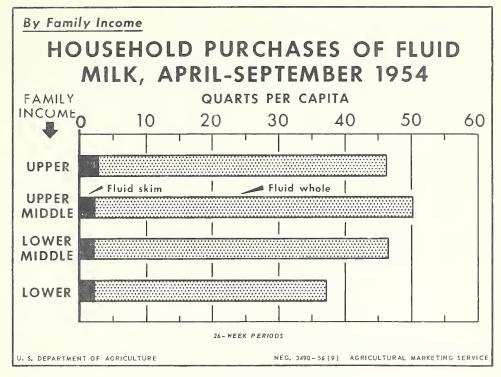


Figure 5

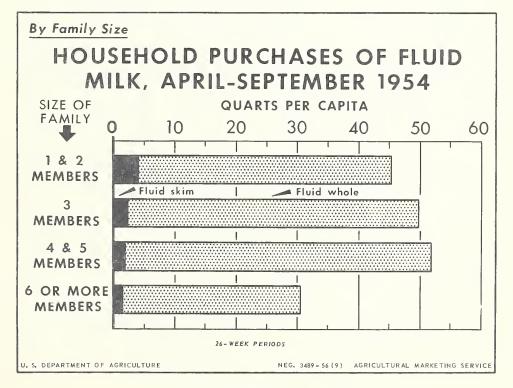


Figure 6

Table 1.--Butter: Household purchases, average price per pound, average size of purchase, and purchases per 1,000 capita U. S. and regions,

				Total	quantity pur	chased					
Quarter	United States				Northeast		:	North Central			
	1956-57	1955-56	1954-55	1956-57	1955-56	1954-55	1956-57	1955-56	1954-55		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds		
AprJune. July-Sept. OctDec JanMar.		202.1 194.8 223.2 218.7	185.4 187.4 214.0 209.3	76.2	75.8 72.1 83.3 83.7	71.4 71.1 79.6 78.8	84.2	84.7 82.1 92.5 89.4	75.6 77.5 90.1 87.5		
Total		838.8	796.1		314.9	300.9		348.7	330.7		
				Averag	e price paid	per pound					
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents		
AprJune. July-Sept. OctDec. JanMar		66.8 66.9 67.8 67.8	66.1 66.1 68.4 67.8	69.7	68.2 68.6 69.2 69.1	67.7 67.7 70.1 69.1	66.5	65.0 65.1 66.0 66.1	64.1 64.1 66.5 65.9		
				Average	size of pure	hase			,		
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds		
AprJune. July-Sept OctDec. JanMar		1.09 1.09 1.11 1.10	1.09 1.09 1.10 1.09	1,02	1.00 1.00 1.02 1.02	1.00 1.00 1.00 1.00	1.27	1.28 1.26 1.29 1.26	1.25 1.25 1.28 1.27		
	Purchases per 1,000 capita										
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds		
AprJune. July-Sept. OctDec. JanMar.		1,251 1,216 1,385 1,356	1,174 1,178 1,335 1,305	1,729	1,720 1,659 1,882 1,903	1,669 1,635 1,819 1,810	1,824	1,829 1,796 2,010 1,946	1,679 1,715 1,961 1,918		

Table 2.--Butter: Household purchases, average price per pound, average size of purchase, and purchases per 1,000 capita, U. S. and regions, 13-week periods

				Total q	antity purc	hased				
Quarter		South		Moi	untain-S eu th	west	:	Pacific		
	1956-57	1955-56	1954-55	1956-57	1955-56	1954-55	1956-57	1955-56	1954-55	
:	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
AprJune. July-Sept. OctDec. JanMar.	14.0	13.1 12.6 15.7 14.6	12.6 12.5 14.8 14.2	8.4	8.8 8.4 9.3 9.0	7.5 7.5 9.0 9.0	21.6	19.7 19.6 22.4 22.0	18.3 18.8 20.5 19.8	
Total		56.0	54.1		35.5	33.0		83.7	77.4	
		Average price paid per pound								
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	
AprJune#. July-Sept. OctDec. JanMar		69.2 68.7 70.1 69.9	69.1 69.2 70.9 69.8	72.6	69.8 70.3 71.8 71.9	69.1 69.2 71.3 72.0	66.5	66.0 65.8 66.2 66.3	65.1 64.7 66.9 67.3	
				, Averag	e size of pu	rchase			·	
•	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
AprJune. July-Sept. ; OctDec. ; JanMar	.89	0.87 .87 .91 .90	0.84 .85 .87 .87	1.04	1.02 1.03 1.04 1.03	1.07 1.05 1.04 1.02	1.04	1.02 1.04 1.05 1.04	1.05 1.04 1.02 1.03	
	Purchases per 1,000 capita									
•	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
AprJune. Aily-Sept. OctDec. JanMar.	358	338 325 407 379	333 332 389 365	499	538 507 571 533	461 445 538 549	1,347	1,235 1,242 1,411 1,380	1,150 1,189 1,299 1,243	

Table 3.--Butter: Household purchases, average price per pound, and average size of purchase, United States by type of retail outlet, 13-week periods

		Total quantity purchased							
Quarter	National chains			: Region	al and local	chains :	Independent grocers		
,	1956-57	1955-56	1954-55	: 1956-57	1955-56	1954-55	1956-57	1955-56	1954-55
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
AprJune. July-Sept. OctDec. JanMar.		41.0 40.3 44.7 44.4	37.1 36.5 41.2 41.9	62.2	58.1 55.0 66.9 6 5 .3	52.2 53.9 61.1 59.9	68.4	70.7 69.4 77.8 75.2	67.6 66.8 76.5 74.4
Total		170.4	156.7		245.3	227,1		293.1	285.3
	Average price paid per pound								
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
AprJune. July-Sept. OctDec. JanMar.		65.6 66.1 66.8 66.9	65.0 65.1 68.0 66.8	67.9	66.2 66.5 67.3 67.2	65.4 65.4 68.1 67.3	69.3	68.1 68.2 69.0 69.1	67.3 67.1 69.3 68.9
				Average	size of pur	chase			
	Pounds	Pound s	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
AprJune. July-Sept. OctDec JanMar		1.01 1.01 1.03 1.03	1.02 1.01 0.99 1.00	1.02	1.02 1.00 1.04 1.03	1.04 1.03 1.05 1.03	1.05	1.06 1.05 1.07 1.06	1.06 1.05 1.06 1.07

Table 4 .--Butter: Household purchases, average price per pound, and average size of purchase, United States by type of retail outlet, 13-week periods

			Total quan	tity purchased								
Quarter		House-to-house		:	Other outlets							
	1956-57	1955-56	1954-55	1956-57	1955-56	1954-55						
	Million pounds	Million pounds	Million pounds	Million pound	Million pounds	Million pounds						
AprJune July-Sept OctDec JanMar	9•5	9•7 7•8 9•5 9•5	9.8 10.5 12.5 12.4	23.1	22.6 22.3 24.3 24.3	18.9 19.7 22.7 20.7						
Total		36.5	45.2		93.5	82.0						
		Average price paid per pound										
į.	Cents	Cents	Cents	Cents	Cents	Cents						
AprJune July-Sept OctDec JanMar	72.3	71.1 69.9 71.6 71.8	70.7 70.4 71.9 71.8	65.4	64.3 64.3 65.1 65.0	63.7 63.7 64.9 64.9						
			Average size	of purchase								
i i	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds						
AprJune. July-Sept OctDec. JanMar	11,1	1.11 1.12 1.13 1.11	1.07 1.09 1.12 1.13	1.72	1.68 1.64 1.69 1.69	1.59 1.62 1.66 1.66						

Table 5 .--Fluid whole milk: Household purchases, by U. S. and regions, 13-week periods

Quarter :	United S	tates	: Northe	east :	North Co	entral
:	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55
:	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts
AprJune	3,516	3,400 3,370 3,621 3,639	1, 251	1,225 1,188 1,292 1,280	1,140	1,091 1,080 1,173 1,185
Total		14,030		4,985		4,529
:	Sout	h	: Mountain-S	outhwest :	Pacif:	Le
AprJune	417	398 413 431 441	309	290 292 318 324	399	396 397 407 409
Total		1,683		1,224		1,609

Table 6.--Fluid whole milk: Prices paid by householders per quart equivalent, by U. S. and regions, 13-week periods

Quarter	United	States	: Northea	ıst	North Central	
:	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55
•	Cents	Cents	Cents	Cents	Cents	Cents
AprJune July-Sept OctDec JanMar		21.7 22.0 22.4 22.2	23.5	23,2 23.8 24.3 24.2	20.6	19.5 19.7 20.0 19.8
	Sout	h	Mountain-S	outhwest	Pacif	ic
AprJune		23.6 23.5 23.9 23.9	22.8	22.2 22.4 22.7 22.8	20.9	21.0 20.9 20.8 20.7

Table 7.--Fluid whole milk: Household purchases, by type of retail outlet, 13-week periods

Quarter :	National	chains :	•	al and chains	Independent grocers		
	1956-57	1954-55	1956-57	1954-5	55	1956-57	1954-55
	Million quarts	Million quarts	Million quarts	Millio quarts		Million quarts	Million quarts
AprJune July-Sept OctDec JanMar		207 193 211 237	368	296 283 314 320		906	1,016 1,025 1,057 1,052
Total		848		1,213			4,150
: : :	Hou	se-to-house		:	All	other outle	ts
AprJuneJuly-SeptOctDecJanMar		1,691 1,660 1,816 1,811			24	2 190 209 223 219	
Total		6,978				841	

Table 8.--Fluid whole milk: Prices paid by householders per quart equivalent by type of retail outlet, 13-week periods

Quarter	Nationa	National chains			Regional and local chains			Independent grocers		
	1956-57	:	19 54 - 55	1956-57	:	1954-55	:	1956-57	:	1954-55
	Million quarts		Million quarts	Million quarts		Million quarts		Million quarts		Million quarts
AprJuneJuly-SeptOctDecJanMar			21.0 21.4 22.0 21.8	21.5		21.0 21.3 21.8 21.7		22.1		21.4 21.8 22.1 21.9
	House-to-house			:		All other outlets		ets		
AprJune		3.1	22.5 22.7 23.0 22.9				18.	•	18. 18. 19.	9

Table 9.--Fluid skim milk: Household purchases, by U. S. and regions, 13-week periods

Quarter :	United S	tates	: Norther	ast :	North Central		
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	
	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	
AprJune	219	179 191 180 190	41	38 42 37 35	67	48 54 50 55	
Total		740		152		207	
	Sout	h	: : Mountain-So	outhwest :	Pacií	fic	
AprJune	49	3 9 42 44 43	23	19 20 19 23	39	35 33 30 34	
Total		168		81		132	

Table 10.--Fluid skim milk: Prices paid by householders per quart equivalent, by U. S. and regions, 13-week periods

Quarter	United	States	Northeas	t :	North Central		
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	
	Cents	Cents	Cents	Cents	Cents	Cents	
AprJune	:	18.5 18.9 18.9 18.6	19.6	20.1 20.8 20.8 20.7	19.4	18.5 18.6 19.0 18.7	
	Sou	th	: :Mountain-Sou :	thwest :	Paci	fic	
AprJune		18.7 18.2 18.5 18.4	19.2	18.7 19.4 20.3 20.0	15.0	16.4 17.3 16.2 15.6	

Table 11 .-- Fluid skim milk: Household purchases, by type of retail outlet, 13-week periods

Quarter	National ch	ains :	Region local		Independent grocers		
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	
		Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	
AprJune July-Sept OctDec JanMar	·	13 14 15 16	32	19 21 18 20	54	56 59 56 60	
Total Total		58		78		231	
:	Hous	e-to-house		: Al	l other ou	tlets	
AprJune	101	81 84 78 78		1	Լ դ	10 13 13 16	
Total		32,				52	

Table 12.--Fluid skim milk: Prices paid by householders per quart equivalent, by type of retail outlet, 13-week periods

Quarter	National ch	ains :	Regional o		Independent grocers		
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	
:	Cents	Cents	Cents	Cents	Cents	Cents	
AprJune		18.0 18.6 18.7 17.7	17.1	17.4 17.4 18.2 17.7	18.8	18.7 19.5 19.1 19.0	
	House	-to-house		A	ll other ou	ıtlets	
AprJune		19.2 19.4 19.5 19.3		14		15.0 14.5 15.6 15.6	

Table 13.--Fluid whole milk: Household purchases, by regions, by size of container, 13-week periods

					Gallon	size					
Quarter	North	east	North	Central	Sou	th	Mountain-	Southwest	Paci	fic	
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	
	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	
AprJune. July-Sept OctDec. JanMar.		8.5 6.5 9.2 9.5	165.0	147.9 139.8 160.4 178.5	17.3	10.4 10.2 10.4 15.3	22.5	18.3 17.1 20.7 21.7	12.4	8.8 9.4 9.4 8.3	
Total		33.7		626,6		46.3		77.8		35•9	
		Half-gallon size									
AprJune	109.4	28.7 29.8 32.2 40.1	503.4	367.3 374.4 423.0 444.2	146.2	53•3 65•8 85•4 89•2	183.3	126.5 131.4 144.7 155.8	121.3	84.7 81.0 93.4 104.8	
Total		130.8		1,608.9		293.7		558.4		363.9	
					Quart	size					
AprJune		1,187.5 1,151.6 1,250.3 1,230.7	471.5	574.9 565.2 589.2 561.7	252.8	334·3 336·4 334·0 334·1	102.7	145.1 143.3 152.3 146.5	265.6	302.6 306.4 303.3 295.1	
Total		4,820.1	9	2,291.0		1,338.8		587.2		1,207.4	

Table 14.--Fluid skim milk: Household purchases, by regions, by size of container, 13-week periods

	Gallon size									
Quarter	North	east	North	Central	Sou	th	Mountain-	Southwest	Paci	fic
	1956-57	1 954 - 55	19 5 6-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55
	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts
AprJune July-Sept OctDec. JanMar.		0.8 •9 •3 1.1	2.7	2.2 3.1 2.1 1.8	3.1	1.9 3.3 2.2 1.9	1.3	1.9 1.4 1.1 1.5	0.1	0.3
Total		3.1		9.2		9•3		5.9		•5
		Half-gallon size								
AprJune July-Sept OctDec. JanMar		1.0 1.1 .4	12.0	3.4 3.6 1.9 3.2	11.1	3.1 4.5 4.9 5.9	9.1	3.2 3.9 4.7 7.2	8.0	3.5 3.3 3.1 5.2
Total		2.7		12.1		18.4		19.0		15.1
					Quart	size				
AprJune July-Sept OctDec. JanMar.		36.0 40.0 35.8 32.9	51.6	42.5 47.6 45.6 49.9	35.0	33.1 33.8 36.6 35.4	12.3	14.2 14.3 13.5 14.1	31.2	31.4 29.7 26.9 28.8
Total		144.7		185.6		138.9		56.1		116.8

Table 15.--Fluid whole milk: Household purchases, by retail outlets, by size of container, 13-week periods

					Gallo	n size				
Quarter	National	chains	Regiona local c		Indepe		House-to	-house	All other	outlets
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55
	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts
AprJune July-Sept	8.1	12.7 9.3 10.7 13.1	23.8	19.8 16.6 18.3 19.8	62.9	79.2 74.9 80.8 89.3	87.9	49.3 49.4 60.4 75.1	51.3	32.9 32.8 39.9 36.0
Total		45.8		74.5		324.2		234.2		141.6
					Half-ga	llon size				
AprJune. July-Sept. OctDec. JanWar	123.9	75.1 75.4 81.2 92.3	163.9	87.8 91.3 101.4 106.3	365.4	244.5 253.7 293.8 321.8	328.4	207.9 206.9 235.0 246.5	82.0	45.2 55.1 67.3 67.2
Total		324.0		386.8		1,113.8		896.3		234.8
					Quart	size				
AprJune. July-Sept. OctDec JanMar	93.8	119.2 108.7 119.3 131.4	180.3	188.1 175.4 193.8 193.5	477.2	691.3 695.2 681.8 640.9	1,357.8	1,433.8 1,403.2 1,519.3 1,489.0	106.2	112.0 120.4 114.9 113.3
Total		478.6		750.8		2,709.2		5,845.3		460.6

Table 16.--Fluid skim milk: Household purchases, by retail outlets, by size of container, 13-week periods

					Gallon	size				
Quarter	National	chains	Regional		: Indeper		House-to	-house	All other	outlets
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55
	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts
prJune uly-Sept ctDecanMar.	0.3	<u>1</u> / 0.2 .6 .2	0.8	0.2 •3 •2 •2	1.8	2.6 2.7 1.6 1.1	2.5	1.7 2.0 1.1 1.0	2.7	2.6 3.5 2.4 3.8
Total		1.0		•9		8.0		5.8		12.3
	Half-gallon size									
uprJune	5•3	2.5 2.3 2.3 4.0	10.4	3.5 3.0 2.7 4.2	12.0	3.8 5.3 5.6 7.9	9.9	3.2 4.0 2.6 3.3	3.3	1.2 1.8 1.8 2.3
Total		11.1		13.4		22.6		13.1		7.1
					Quart	size				
iprJune Nily-Sept OctDec JanMar		10.8 11.4 12.1 12-1	20.8	15.5 17.5 14.7 15.5	40.2	48.9 50.8 48.4 50.6	88.7	76.3 77.8 74.8 73.1	7.8	5.7 7.9 8.4 9.8
Total		46.4		63.2	-	198.7		302.0		31.8

Table 17.--Fluid whole milk: Prices paid by householders, by regions, by size of container, 13-week periods (per quart equivalent)

	Gallon size										
Quarter	North	east	North Central		South		Mountain-Southwest		Pacific		
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	
AprJune July-Sept OctDec JanMar.		14.1 14.9 15.1 14.1	18.8	17.2 17.3 17.9 17.9	17.6	15.8 14.7 19.9 18.2	18.5	18.4 18.7 18.6 18.7	16.8	15.4 15.2 15.0 16.3	
:	Half-gallon size										
.prJune fuly-Sept	21.5	20.8 21.4 22.2 22.0	20.1	18.9 19.1 19.6 19.3	22.9	21.3 12.1 21.6 21.8	23.2	21.9 22.2 22.8 22.9	20.1	20.0 20.0 19.9 19.9	
:					Quart	size					
iprJune Nuly-Sept. OctDec. JanMar	23.9	23·3 23·9 24·5 24·3	21.8	20.5 20.8 20.9 20.8	25.2	24.2 24.2 24.6 24.7	23.1	22.9 23.0 23.2 23.2	21.5	21.4 21.3 21.3 21.1	

Table 18 .--Fluid skim milk: Prices paid by householders, by regions, by size of container, 13-week periods (per quart equivalent)

		Gallon size										
Quarter	Nort	heast	North	North Central		South		-Southwest	Pacific			
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	.1956-57	1954-55		
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents		
AprJune July-Sept. OctDec. JanMar.		12.7 12.9 15.5 15.5	10.5	10.5 8.4 12.0 11.6	11.9	9.8 9.0 10.9 10.9	10.6	11.5 10.0 9.7 10.6	4.8	11.9 16.3		
	Half-gallon size											
AprJune Nuly-Sept OctDec JanMar		17.0 14.3 16.4 20.4	18.5	16.7 16.8 16.4 16.6	16.8	15.4 15.7 15.7 15.3	18.7	18.6 19.5 20.5 20.2	11.0	11.8 12.3 12.6 11.4		
					Quart	size						
AprJune July-Sept OctDec JanMar		20.3 21.1 20.8 20.8	20.0	19.1 19.4 19.4 19.1	19 .9	19.4 19.4 19.4 19.3	20.6	19.7 20.3 21.1 20.9	16.0	17.0 17.8 16.7 16.3		

Table 19.--Fluid whole milk: Prices paid by householders, by retail outlets, by size of container, 13-week period (per quart equivalent)

					Gallon s	size				
Quarter	National	chains	Region		: Indeper		House-to	o-house	All othe	er outlets
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
AprJune. July-Sept. OctDec JanMar		17.1 17.8 18.0 17.9	16.8	16.7 16.8 17.7 17.7	18.1	16.7 16.7 17.4 17.4	20.2	19.2 19.0 20.0 19.3	16.2	14.7 15.0 15.4 15.8
					Half-gal	Llon size				
AprJune. July-Sept. OctDec JanMar		19.7 19.9 20.6 20.3	20.9	19.6 19.9 20.5 20.3	21.5	20.0 20.3 20.8 20.6	21.9	20.6 20.7 21.1 21.0	18.0	17.7 17.7 18.1 17.9
					Quart	size				
AprJune. July-Sept. OctDec. JanMar		22.2 22.8 23.4 23.1	22.7	22.1 22.5 22.9 22.8	23.2	22.4 22.9 23.3 23.2	23.6	22.9 23.1 23.4 23.4	20,5	20.3 20.5 20.7 20.6

Table 20.--Fluid skim milk: Prices paid by householders, by retail outlets, by size of container, 13-week periods (per quart equivalent)

		Gallon size										
Quarter	National	chains		al and chains		endent :	House-te	-house	All othe	r outlet		
	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55		
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents		
prJune July-Sept. JotDec JanMar		13.3 17.9 17.8 18.2	13.2	13.2 10.6 14.5 12.0	7.3	11.0 9.1 9.6 9.7	14.7	11.9 11.2 12.3 11.9	9.9	10.0 8.0 10.5 12.0		
					Half-ga	llon size						
AprJune July-Sept. OctDec. JanMar.		15.4 15.0 15.2 13.1	14.7	14.5 13.7 15.3 15.1	18.5	16.9 17.7 17.7 17.7	17.2	16.6 17.0 19.3 19.3	15.3	13.3 14.5 13.6 14.2		
					Quart	size						
AprJune Duly-Sept. OctDec. JanMar.	1	18.6 19.3 19.4 19.2	18.4	18.1 18.1 18.9 18.5	19.3	19.1 20.3 19.6 19.4	19.8	19.4 19.8 19.6 19.4	15.9	17.5 17.4 17.4 17.0		

Table 21 -- Fluid milk: Household purchases by size of container for the U.S., 13-week periods

	Gallon size										
Quai ter	Flui	d milk	: Fluid who	le milk	Fluid ski	m milk					
•	1956-57	1954-55	1956-57	1954-55	1956-57	1954-55					
	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts	Million quarts					
AprJune July-Sept OctDec JanMar	242.1	201.0 191.7 216.0 239.6	234.0	193.9 183.0 210.1 233.3	8.1	7.1 8.7 5.9 6.3					
Total		848.3		820.3		28.0					
	Half-gallon size										
AprJuneJuly-SeptOctDecJanMar	1,104.5	674.7 698.8 793.7 855.8	1,063.6	660.5 682.4 778.7 834.1	40.9	14.2 16.4 15.0 21.7					
Total		3,023.0		2,955.7		67.3					
:			Quai	rt size							
AprJuneJuly-SeptOctDecJanMar.	2,384.5	2,701.6 2,668.3 2,787.5 2,729.2	2,215.3	2,544.4 2,502.9 2,629.1 2,568.1	169.2	157.2 165.4 158.4 161.1					
Total		10,886.6		10,244.5		642.1					

Table 22.--Fluid milk: Household purchases per capita in quart equivalents, by place of residence, April-September, 1954

Place of residence	Fluid milk	: Fluid whole milk	Fluid skim milk
	1954	1954	1954
:	Quarts	Quarts	Quarts
United States	45.0	42.7	2.3
MRCA Areas Northeast. South. North Central Mountain-Southwest. Pacific	57.8 23.5 50.4 37.5 54.4	56.0 21.4 48.1 35.2 50.1	1.2 2.1 2.3 2.4 4.3
Size of Community Farm Under 2,500. 2,500 to 50,000. 50,000 to 500,000. 500,000 and over.	8.9 38.0 48.4 49.6 59.8	8.4 36.0 46.0 46.4 57-2	1.0 1.9 2.5 3.2 2.6

Table 23.--Fluid milk: Household purchases per capita in quart equivalents, by family characteristics, April-September, 1954

Family Characteristics	Fluid milk	: Fluid whole milk	: Fluid skim milk	
Failily Characteristics	1954	1954	1954	
1	Quarts	Quarts	Quarts	
amily Income :	46.3	43.5	2.8	
Upper middle	50.2	43.5 47.8	2.0	
Lower middle	46.5	44.4	2.1	
Lower	37.2	35.0	2.2	
ducation of Family Head				
Grammar school	34.8	32.8	2.0	
Some high school:	52.2	49.8	2.5	
Some college	57.9	54.9	3.0	
ccupation of Family Head : Professional, executive	58.4	55.3	3.2	
Clerical, sales, service	56.4	53.6	2.8	
Craftsman, foreman	52.7	50.1	2.5	
Laborers, operative	42.7	40.7	2.0	
Farmer	9.8	9.1	1.0	
Unclassified	36.6	33.4	3.1	
resence of Children				
No children	43.6	40.0	3.6	
5 years and under:	46.9	55.0	1.9	
6-12 years	50.7 44.6	48.6 42.0	2.0 2.6	
Multiple age groups.	44.0	39.7	1.5	
martiple age groups	41.2	39.1	1.)	
ge of Housewife :	1-6	1 - 0	2.0	
Under 35 years	47.6	45.8	1.8	
35-44 years	47.2 41.4	45.3 38.2	1.9 3.1	
4) years and over	41.4	30.2	3.1	
ize of Family l and 2 members	lic a	41.4	4.0	
and 2 members	45.3 49.8	47.5	2.3	
4 and 5 members	51.8	50.0	1.8	
6 or more members	30.6	29.0	1.5	
:	3			





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